

IN THE CLAIMS:

- 1 1. (original) A method of performing persistent storage comprising:
 - 2 A) receiving a received record in received RTP packets, of which each in-
3 cludes a received RTP payload and a respective received RTP timestamp;
4 and
 - 5 B) in response to the received record, storing in a persistent medium a stored
6 record as stored packets of which each corresponds to a respective one of
7 the received RTP packets, each stored packet including the RTP payload
8 contained in the respective received RTP packet and further including a
9 respective stored RTP timestamp derived from the corresponding received
10 RTP packet's received RTP timestamp.
- 1 2. (original) A method as defined in claim 1 wherein the stored RTP timestamp in each
2 stored packet equals the received RTP timestamp contained in the respective received
3 RTP packet.
- 1 3. (original) A method as defined in claim 2 wherein the format of the stored packet is
2 that of the corresponding received RTP packet.
- 1 4. (original) A method as defined in claim 1 wherein:
 - 2 A) the received and stored records contain audio data; and
 - 3 B) the method further includes retrieving the stored record and playing it in
4 accordance with the stored timestamps contained therein.
- 1 5. (original) A method as defined in claim 1 wherein:
 - 2 A) the received and stored records contain video data; and
 - 3 B) the method further includes retrieving the stored record and playing it in
4 accordance with the stored timestamps contained therein.

- 1 6. (original) A method as defined in claim 5 wherein the method additionally includes:
2 A) receiving a second received record in second RTP packets containing
3 audio data, each second RTP packet including a received RTP payload and
4 a respective received RTP timestamp;
5 B) in response to the second received record, storing in the persistent medium
6 a second stored record as second stored packets of which each corresponds
7 to a respective one of the second received RTP packets, each second
8 stored packet including the RTP payload contained in the respective re-
9 ceived RTP packet and further including a respective stored RTP time-
10 stamp derived from the corresponding second received RTP packet's re-
11 ceived RTP timestamp;
12 C) retrieving the second stored record; and
13 D) playing the second stored record simultaneously with the first-mentioned
14 stored record in accordance with the stored timestamps contained in the
15 second stored record.
- 1 7. (original) A method as defined in claim 1 further including retrieving the stored rec-
2 ord and transmitting in accordance with the timestamp in each recorded packet a corre-
3 sponding transmitted RTP packet including a transmitted RTP timestamp and including a
4 payload the same as that of the recorded packet to which that transmitted packet corre-
5 sponds.
- 1 8. (currently amended) A method of performing persistent storage comprising:
2 A) taking samples of time-dependent data; and
3 B) storing a record of the data in a persistent medium as stored RTP packets
4 whose payloads represent the samples' values and whose RTP timestamps
5 represent the times at which the first samples in their respective payloads
6 were taken.

1 9. (original) A method as defined in claim 8 wherein:
2 A) the sampled data are audio data; and
3 B) the method further includes retrieving the stored RTP packets and playing
4 the audio data in accordance with the stored packets' RTP timestamps.

1 10. (original) A method as defined in claim 8 wherein:
2 A) the sampled data are video data; and
3 B) the method further includes retrieving the stored RTP packets and playing
4 the video data in accordance with the stored packets' RTP timestamps.

1 11. (currently amended) A method as defined in claim 10 further including:
2 A) concurrently with taking the samples of the video data, taking samples of
3 audio data;
4 B) storing a second stored record of the audio data in a persistent medium as
5 second stored RTP packets, whose payloads represent the audio samples'
6 values and whose RTP timestamps represent the times at which the first
7 samples in their respective payloads were taken; and
8 C) playing the second stored record simultaneously with the first-mentioned
9 stored record in accordance with the stored RTP timestamps contained in
10 the second stored record.

1 12. (currently amended) A method as defined in claim 8 further including retrieving the
2 stored record and transmitting in accordance with the RTP timestamp in each recorded
3 packet a corresponding transmitted RTP packet including a transmitted RTP timestamp
4 and further including a payload that is the same as that of the recorded packet to which
5 that transmitted packet corresponds.

1 13. (currently amended) For storing time-dependent data, an apparatus comprising:
2 A) a persistent medium operable to store received data and retrieve data thus
3 stored;

- 4 B) a receiver that receives a received record as a plurality of ~~in~~-received RTP
5 packets, ~~of which~~ with each packet including ~~includes~~-a received RTP
6 payload and a corresponding ~~respective~~-received RTP timestamp; and
7 C) a persistent-store driver that responds to the receiver by storing in the per-
8 sistent medium a stored record as a plurality of stored packets with each
9 packet of which each corresponds corresponding to a respective one of the
10 received RTP packets, each stored packet including the RTP payload
11 contained in the respective received RTP packet and further including a
12 respective stored RTP timestamp derived from the corresponding received
13 RTP packet's received RTP timestamp.

1 14. (original) An apparatus as defined in claim 13 wherein the stored RTP timestamp in
2 each stored packet equals the received RTP timestamp contained in the respective re-
3 ceived RTP packet.

1 15. (original) An apparatus as defined in claim 14 wherein the format of the stored
2 packets are those of the corresponding received RTP packets.

1 16. (currently amended) An apparatus as defined in claim 13 wherein:

- 2 A) the received and stored records contain audio data;
3 B) the persistent-store driver also retrieves the stored record; and
4 C) the apparatus further includes an audio player and an audio driver that
5 drives the audio player to play the stored record in accordance with the
6 stored RTP timestamps contained therein.

1 17. (currently amended) An apparatus as defined in claim 13 wherein:

- 2 A) the received and stored records contain video data;
3 B) the persistent-store driver also retrieves the stored record; and

- 4 C) the apparatus further includes a video player and a video driver that drives
5 the video player to play the stored record in accordance with the stored
6 RTP timestamps contained therein.

1 18. (currently amended) An apparatus as defined in claim 17 wherein:

- 2 A) the receiver additionally receives a second received record in second RTP
3 packets containing audio data, each second RTP packet including a re-
4 ceived RTP payload and a respective received RTP timestamp;
5 B) in response to the receiver's receiving the second received record, the per-
6 sistent-store driver stores in the persistent medium a second stored record
7 as second stored packets of which each corresponds to a respective one of
8 the second received RTP packets, each second stored packet including the
9 RTP payload contained in the corresponding received RTP packet and
10 further including a respective stored RTP timestamp derived from the cor-
11 responding second received RTP packet's received RTP timestamp;
12 C) the persistent-store driver also retrieves the second stored record; and
13 D) the apparatus further includes an audio player and an audio driver that
14 drives the audio player, simultaneously with the video driver's driving of
15 the video player, to play the thus-retrieved second stored record in accor-
16 dance with the stored RTP timestamps contained therein.

1 19. (currently amended) An apparatus as defined in claim 13 wherein:

- 2 A) the persistent-store driver also retrieves the stored record; and
3 B) the apparatus further includes a transmitter that transmits in accordance
4 with the RTP timestamp in each thus-retrieved recorded packet a corre-
5 sponding transmitted RTP packet that ~~both~~ includes a transmitted RTP
6 timestamp and further includes a payload the same as that of the recorded
7 packet to which that transmitted packet corresponds.

1 20. (currently amended) For storing time-dependent data, an apparatus comprising:
2 A) a persistent medium operable to store data and retrieve data thus stored;
3 B) a sampler that produces a sampled record by taking samples of a time-
4 dependent function; and
5 C) a persistent-store driver that responds to the sampler by storing in the per-
6 sistent medium a stored record as stored RTP packets whose payloads rep-
7 resent the samples' values and whose RTP timestamps represent the times
8 at which the first samples in their respective payloads were taken.

1 21. (currently amended) An apparatus as defined in claim 20 wherein:
2 A) the sampled data are audio data;
3 B) the persistent-store driver also retrieves the stored record; and
4 C) the apparatus further includes an audio player and an audio driver that
5 drives the audio player to play the stored record in accordance with the
6 thus-retrieved stored RTP timestamps contained therein.

1 22. (currently amended) An apparatus as defined in claim 20 wherein:
2 A) the sampled data are video data;
3 B) the persistent-store driver also retrieves the stored record; and
4 C) the apparatus further includes a video player and a video driver that drives
5 the video player to play the thus-retrieved stored record in accordance
6 with the stored RTP timestamps contained therein.

1 23. (currently amended) An apparatus as defined in claim 22 wherein:
2 A) the sampler additionally produces a second sampled record by taking
3 audio samples of a sound signal;
4 B) the persistent-store driver additionally responds to the sampler by storing
5 in the persistent medium a second stored record as stored RTP packets
6 whose payloads represent the audio samples' values and whose RTP time-

7 stamps represent the times at which the first audio samples in their respec-
8 tive payloads were taken; and

9 C) the apparatus further includes an audio player and an audio driver that re-
10 trieves the second stored record and drives the audio player; to operate si-
11 multaneously with the video driver's driving of the video player, in accor-
12 dance with the stored RTP timestamps contained in the second stored rec-
13 ord.

1 24. (currently amended) An apparatus as defined in claim 20 wherein:

2 A) the persistent-store driver also retrieves the stored record; and

3 B) the apparatus further includes a transmitter that transmits in accordance
4 with the RTP timestamp in each thus-retrieved recorded packet a corre-
5 sponding transmitted RTP packet that ~~both~~ includes a transmitted RTP
6 timestamp and further includes a payload that is the same as that the pay-
7 load of the recorded packet to which that transmitted packet corresponds.